

Title (en)
SEMICONDUCTOR LIGHT EMITTING DEVICES HAVING SELECTABLE AND/OR ADJUSTABLE COLOR POINTS AND RELATED METHODS

Title (de)
LICHTEMITTIERENDE HALBLEITERBAUELEMENTE MIT WÄHLBAREN UND/ODER EINSTELLBAREN FARBPUNKTEN UND ZUGEHÖRIGE VERFAHREN

Title (fr)
DISPOSITIFS ÉLECTROLUMINESCENTS À SEMI-CONDUCTEUR DOTÉS DE POINTS DE COULEUR SÉLECTIONNABLES ET/OU RÉGLABLES ET PROCÉDÉS APPARENTÉS

Publication
EP 2681973 A2 20140108 (EN)

Application
EP 12752485 A 20120222

Priority
• US 201113039572 A 20110303
• US 2012026011 W 20120222

Abstract (en)
[origin: US201223657A1] Semiconductor light emitting devices include a first string of at least one blue-shifted-yellow LED, a second string of at least one blue-shifted-green LED, and a third string of at least one LED that emits light in the red color range. These devices include at least a first circuit that is configured to provide an operating current to at least one of the first LED or the second LED and a second circuit that is configured to provide an operating current to the third light source. The drive currents supplied by the first and second circuits may be independently controlled to set a color point of the light emitting device at a desired color point.

IPC 8 full level
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Designated extension state (EPC)
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DOCDB simple family (publication)
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